



The Sizewell C Project

6.3 Volume 2 Main Development Site Chapter 13 Landscape and Visual Figures 13.1 - 13.8

Revision: 1.0
Applicable Regulation: Regulation 5(2)(a)
PINS Reference Number: EN010012

May 2020

Planning Act 2008
Infrastructure Planning (Applications: Prescribed
Forms and Procedure) Regulations 2009

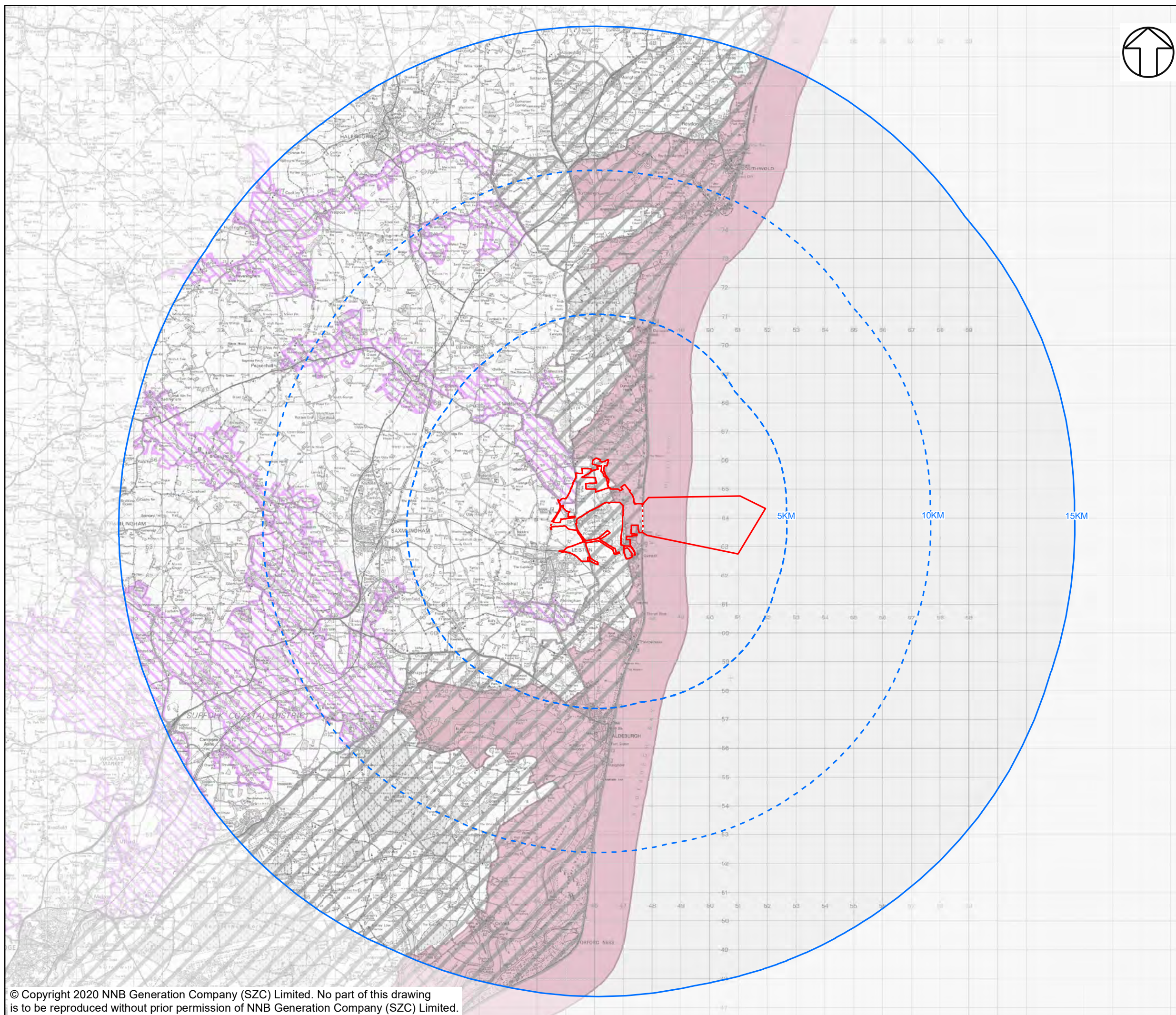




NOTES

KEY

- SIZEWELL C MAIN DEVELOPMENT SITE BOUNDARY
- DEMARCATION LINE
- LVIA STUDY AREA (15KM BUFFER OF MAIN DEVELOPMENT SITE – ONSHORE)
- 5KM AND 10KM BUFFERS OF MAIN DEVELOPMENT SITE – ONSHORE
- AREA OF OUTSTANDING NATURAL BEAUTY (AONB)
- HERITAGE COAST
- SPECIAL LANDSCAPE AREA



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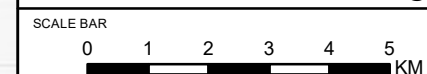


DOCUMENT:
 SIZEWELL C
 ENVIRONMENTAL STATEMENT
 VOLUME 2
 CHAPTER 13
 LANDSCAPE AND VISUAL

DRAWING TITLE:
 LANDSCAPE POLICY CONTEXT

DRAWING NO:
 FIGURE 13.1

DATE: JAN 2020 DRAWN: S.G. SCALE: 1:125,000 @A3

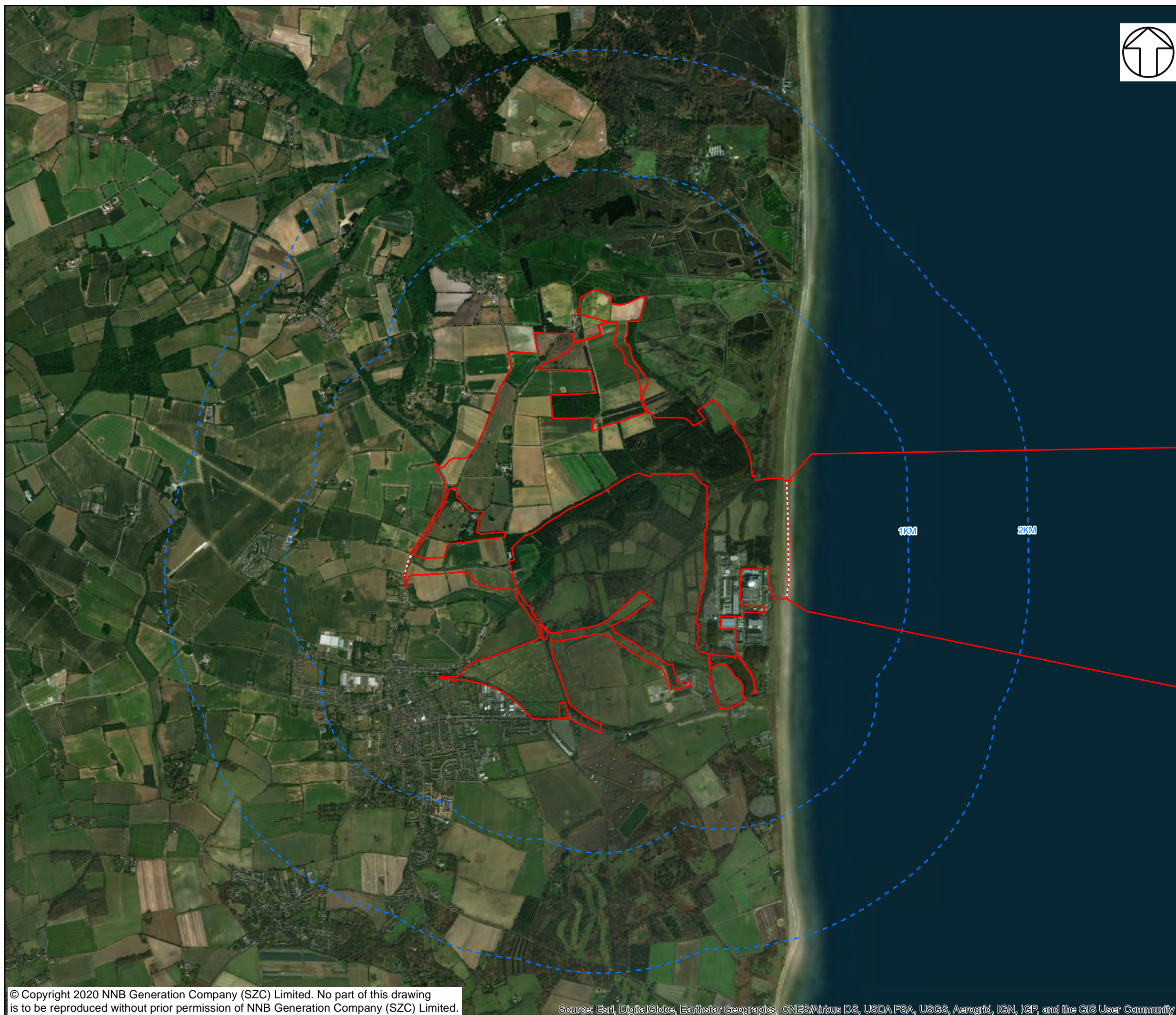




NOTES

KEY

- SIZEWELL C MAIN DEVELOPMENT SITE BOUNDARY
- - - DEMARCATION LINE
- - - 1KM AND 2KM BUFFERS OF MAIN DEVELOPMENT SITE - ONSHORE



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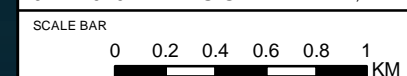


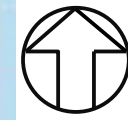
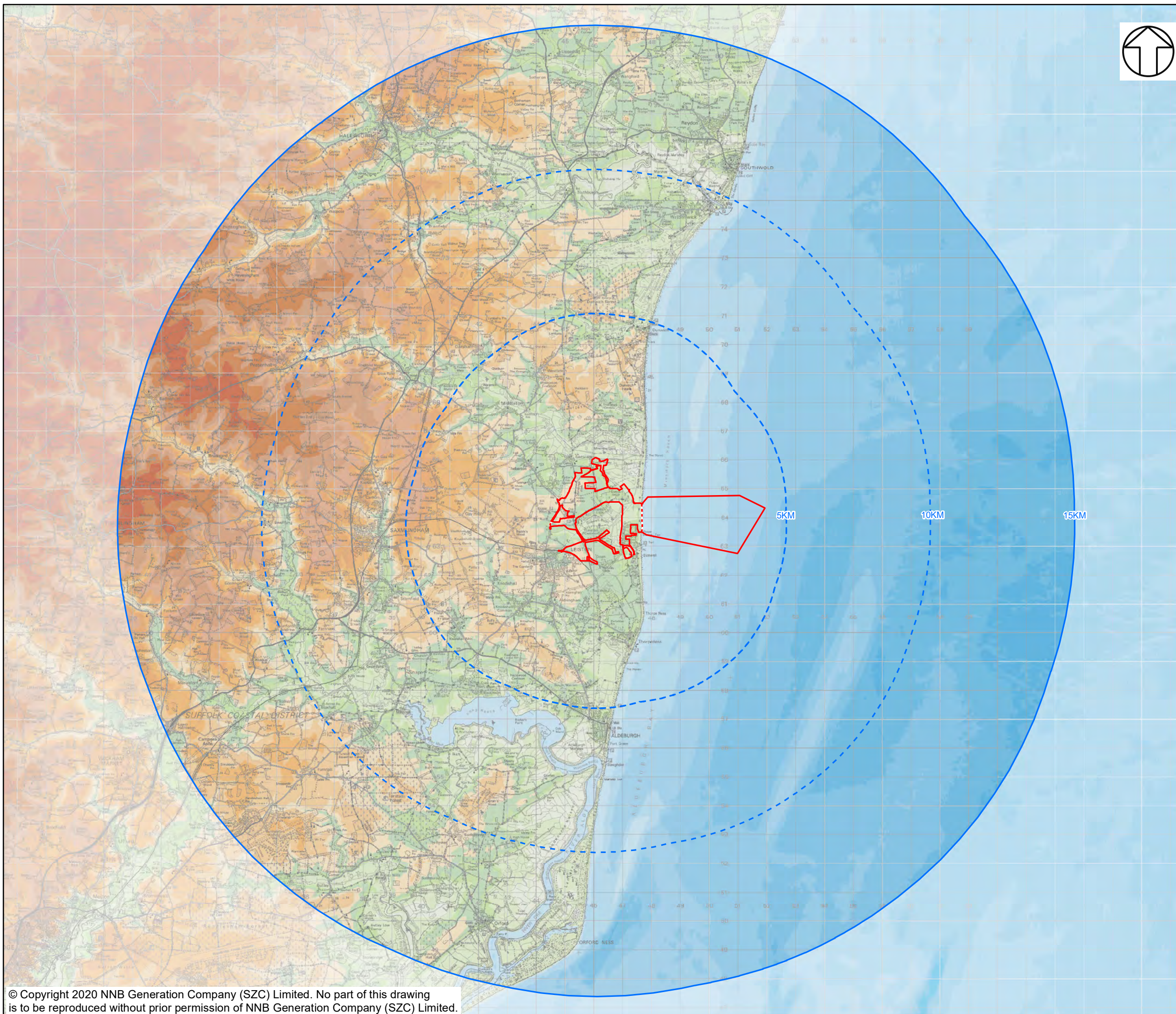
DOCUMENT:
 SIZEWELL C
 ENVIRONMENTAL STATEMENT
 VOLUME 2
 CHAPTER 13
 LANDSCAPE AND VISUAL

DRAWING TITLE:
 SITE AND IMMEDIATE CONTEXT

DRAWING NO:
 FIGURE 13.2

DATE: JAN 2020 DRAWN: S.G. SCALE: 1:30,000 @A3





NOTES

KEY

- SIZEWELL C MAIN DEVELOPMENT SITE BOUNDARY
- - - DEMARCATION LINE
- LRIA STUDY AREA (15KM BUFFER OF MAIN DEVELOPMENT SITE – ONSHORE)
- - - 5KM AND 10KM BUFFERS OF MAIN DEVELOPMENT SITE – ONSHORE

ELEVATION (M AOD)

	65 - 60		30 - 25
	60 - 55		25 - 20
	55 - 50		20 - 15
	50 - 45		15 - 10
	45 - 40		10 - 5
	40 - 35		5 - 0
	35 - 30		< 0

BATHYMETRY (DEPTH M)

	0 - -5		-25 - -30
	-5 - -10		-30 - -35
	-10 - -15		-35 - -40
	-15 - -20		-40 - -45
	-20 - -25		

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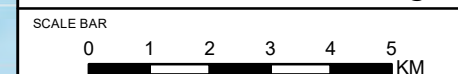


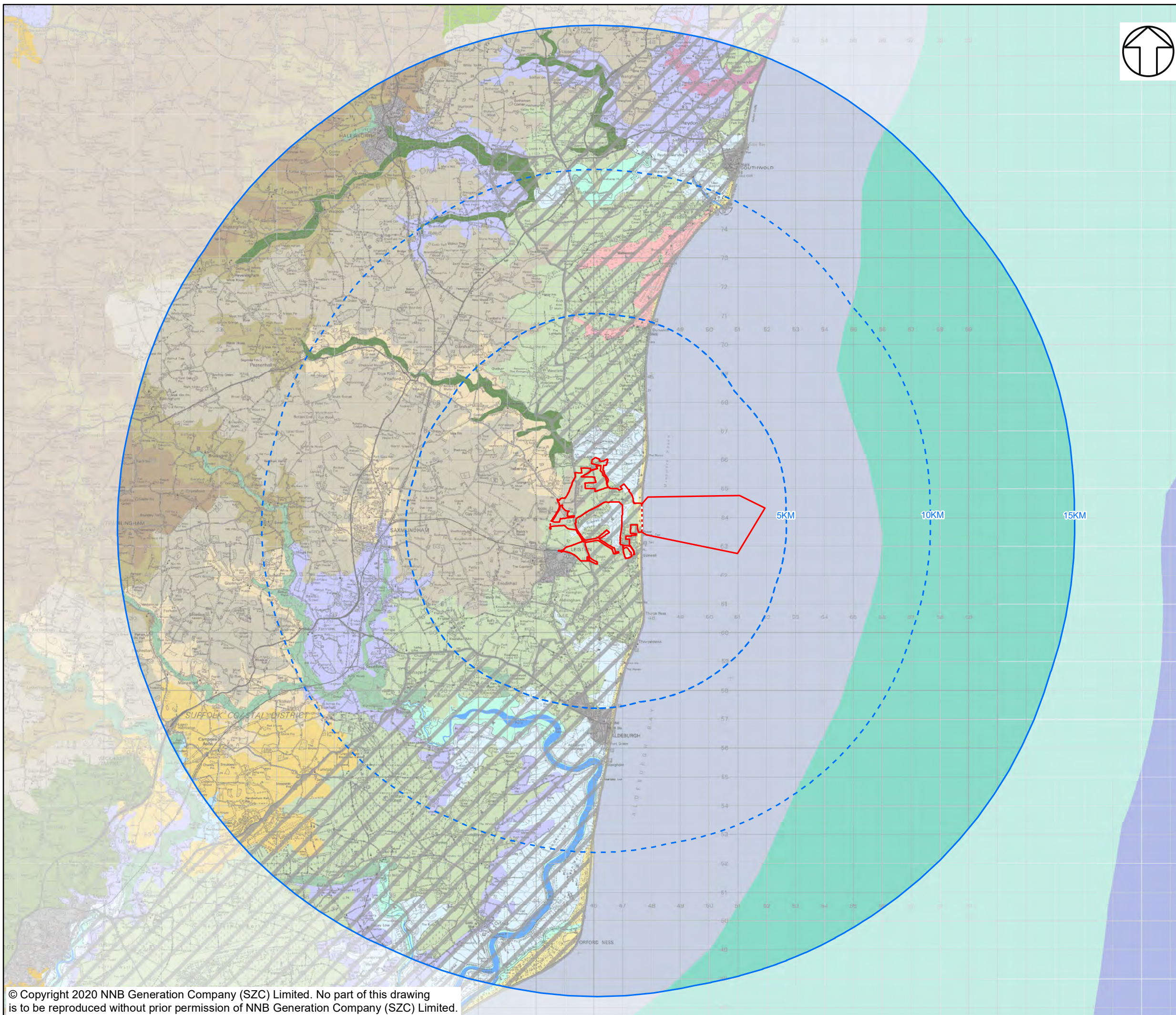
DOCUMENT:
 SIZEWELL C
 ENVIRONMENTAL STATEMENT
 VOLUME 2
 CHAPTER 13
 LANDSCAPE AND VISUAL

DRAWING TITLE:
 LANDFORM

DRAWING NO:
 FIGURE 13.3

DATE: JAN 2020 **DRAWN:** S.G. **SCALE:** 1:125,000 @A3





**NOTES
KEY**

- SIZEWELL C MAIN DEVELOPMENT SITE BOUNDARY
 - - - DEMARCATION LINE
 - LVIA STUDY AREA (15KM BUFFER OF MAIN DEVELOPMENT SITE – ONSHORE)
 - 5KM AND 10KM BUFFERS OF MAIN DEVELOPMENT SITE – ONSHORE
 - AREA OF OUTSTANDING NATURAL BEAUTY (AONB)
- LANDSCAPE CHARACTER TYPES**
- ANCIENT ESTATE CLAYLANDS
 - ANCIENT PLATEAU CLAYLANDS
 - ANCIENT ROLLING FARMLANDS
 - COASTAL DUNES AND SHINGLE RIDGES
 - COASTAL LEVELS
 - ESTATE SANDLANDS
 - OPEN COASTAL FENS
 - PLATEAU CLAYLANDS
 - PLATEAU ESTATE FARMLANDS
 - ROLLING ESTATE CLAYLANDS
 - ROLLING ESTATE FARMLANDS
 - ROLLING ESTATE SANDLANDS
 - ROLLING VALLEY CLAYLANDS
 - ROLLING VALLEY FARMLANDS AND FURZE
 - SALTmarsh AND INTERTIDAL FLATS
 - VALLEY MEADOWLANDS
 - VALLEY MEADOWS AND FENS
 - WOODED FENS
 - WOODED VALLEY MEADOWLANDS AND FENS
 - URBAN
- SEASCAPE CHARACTER TYPES**
- INLAND NAVIGABLE WATERS
 - NEARSHORE WATERS
 - COASTAL WATERS
 - OFFSHORE WATERS

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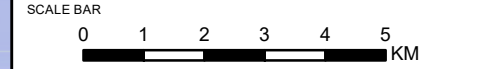


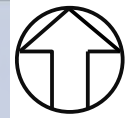
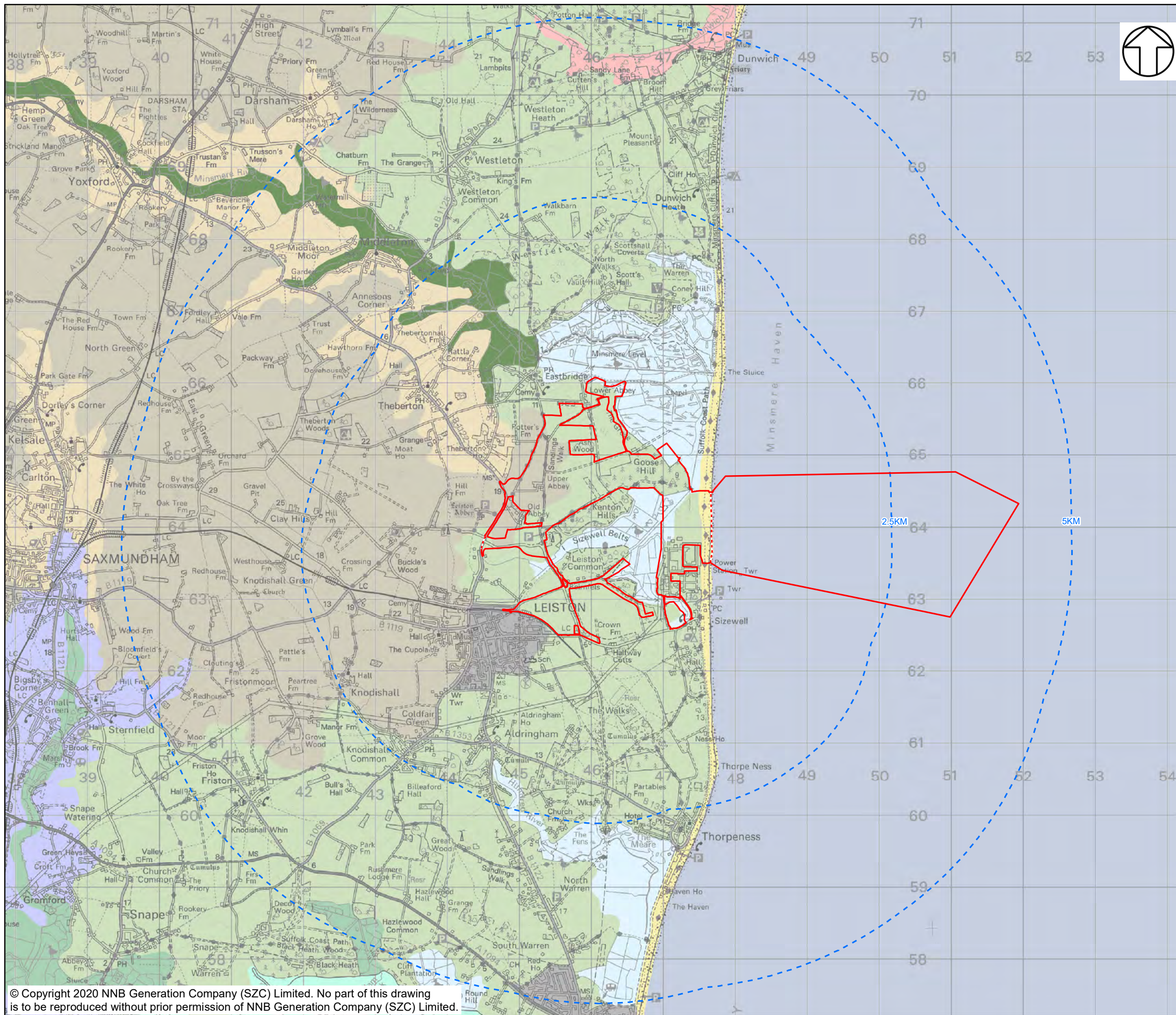
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 ENVIRONMENTAL STATEMENT
 VOLUME 2
 CHAPTER 13
 LANDSCAPE AND VISUAL

DRAWING TITLE:
 LANDSCAPE AND SEASCAPE CHARACTER

DRAWING NO:
 FIGURE 13.4

DATE: JAN 2020 DRAWN: S.G. SCALE: 1:125,000 @A3





NOTES

KEY

- SIZEWELL C MAIN DEVELOPMENT SITE BOUNDARY
 - - - DEMARCATION LINE
 - - - 2.5KM AND 5KM BUFFERS OF MAIN DEVELOPMENT SITE - ONSHORE
- LANDSCAPE CHARACTER TYPES**
- ANCIENT ESTATE CLAYLANDS
 - COASTAL DUNES AND SHINGLE RIDGES
 - COASTAL LEVELS
 - ESTATE SANDLANDS
 - OPEN COASTAL FENS
 - ROLLING ESTATE CLAYLANDS
 - ROLLING ESTATE SANDLANDS
 - SALTMARSH AND INTERTIDAL FLATS
 - VALLEY MEADOWLANDS
 - VALLEY MEADOWS AND FENS
 - URBAN
- SEASCAPE CHARACTER TYPES**
- NEARSHORE WATERS

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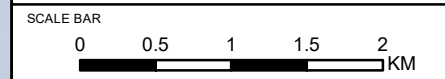


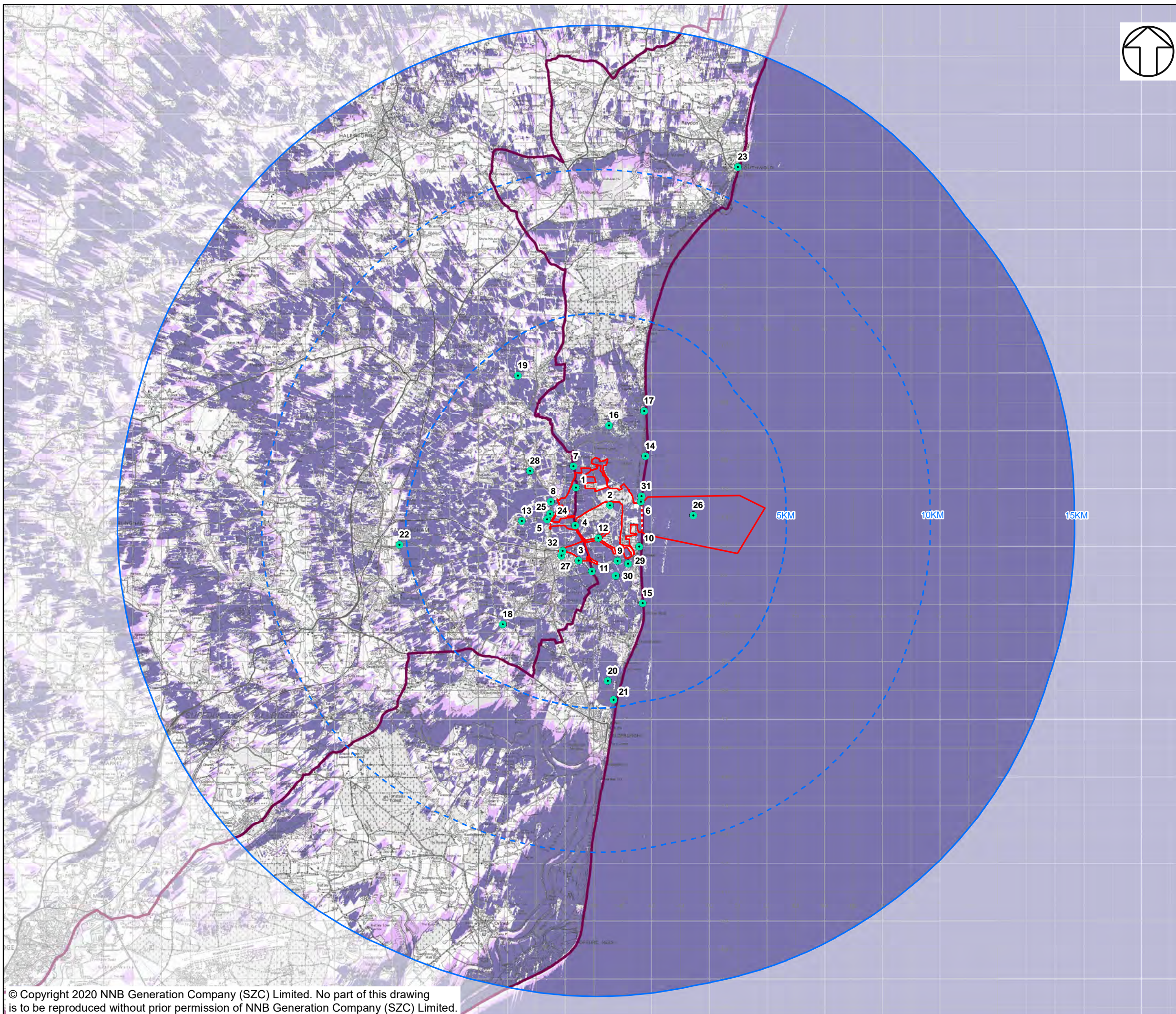
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 SIZEWELL C
 ENVIRONMENTAL STATEMENT
 VOLUME 2
 CHAPTER 13
 LANDSCAPE AND VISUAL

DRAWING TITLE:
 LANDSCAPE AND SEASCAPE CHARACTER WITHIN 5KM

DRAWING NO.:
 FIGURE 13.5

DATE: JAN 2020 **DRAWN:** S.G. **SCALE:** 1:50,000 @A3





NOTES

THIS DRAWING IS BASED UPON COMPUTER GENERATED ZONE OF THEORETICAL VISIBILITY (ZTV) STUDIES PRODUCED USING THE VIEWSHED ROUTINE IN THE ESRI ARCGIS SUITE. THE AREAS SHOWN ARE THE MAXIMUM THEORETICAL VISIBILITY, TAKING INTO ACCOUNT TOPOGRAPHY, WOODLANDS, MAJOR HEDGEROWS AND BUILDINGS WHICH HAVE BEEN INCLUDED IN THE MODEL WITH THE HEIGHTS OBTAINED FROM LIDAR AND NEXTMAP 25 DIGITAL SURFACE DATA. DUE TO ITS RESOLUTION, THE SURFACE MODEL DOES NOT TAKE INTO ACCOUNT EVERY LOCALISED FEATURE SUCH AS WALLS, SMALL HEDGEROWS OR SMALL TREES AND THEREFORE ONLY GIVES AN IMPRESSION OF THE EXTENT OF VISIBILITY. THE ZTV INCLUDES AN ADJUSTMENT THAT ALLOWS FOR EARTH'S CURVATURE AND LIGHT REFRACTION. IT IS BASED ON SURFACE MODEL TERRAIN WITH A 20M² RESOLUTION. FOR DETAILS OF THE PARAMETERS INCLUDED IN THE ZTV MODEL REFER TO VOLUME 2 MAIN DEVELOPMENT SITE, CHAPTER 3 DESCRIPTION OF CONSTRUCTION OF SIZEWELL C.

KEY

- SIZEWELL C MAIN DEVELOPMENT SITE BOUNDARY
- - - DEMARCATION LINE
- LVIA STUDY AREA (15KM BUFFER OF MAIN DEVELOPMENT SITE – ONSHORE)
- - - 5KM AND 10KM BUFFERS OF MAIN DEVELOPMENT SITE – ONSHORE
- AREA OF OUTSTANDING NATURAL BEAUTY (AONB)
- REPRESENTATIVE VIEWPOINTS
- ZONE OF THEORETICAL VISIBILITY (ZTV)**
- CONSTRUCTION - NORMAL HEIGHT PARAMETERS
- CONSTRUCTION - EXCEPTIONAL HEIGHT PARAMETERS

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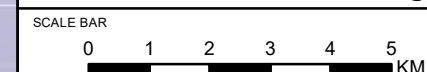


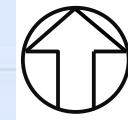
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 SIZEWELL C
 ENVIRONMENTAL STATEMENT
 VOLUME 2
 CHAPTER 13
 LANDSCAPE AND VISUAL

DRAWING TITLE:
 ZONE OF THEORETICAL VISIBILITY
 (CONSTRUCTION)

DRAWING NO:
 FIGURE 13.6A

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NOTES

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FOR DETAILS OF THE PARAMETERS INCLUDED IN THE ZTV MODEL REFER TO VOLUME 2 MAIN DEVELOPMENT SITE, CHAPTER 2 DESCRIPTION OF THE PERMANENT DEVELOPMENT. THE TRAINING CENTRE (TC) AND OUTAGE STORE (OS) ARE MODELLED FROM DETAILED DESIGNS.

KEY

- SIZEWELL C MAIN DEVELOPMENT SITE BOUNDARY
- DEMARCATION LINE
- LVIA STUDY AREA (15KM BUFFER OF MAIN DEVELOPMENT SITE - ONSHORE)
- 5KM AND 10KM BUFFERS OF MAIN DEVELOPMENT SITE - ONSHORE
- AREA OF OUTSTANDING NATURAL BEAUTY (AONB)
- REPRESENTATIVE VIEWPOINTS
- ZONE OF THEORETICAL VISIBILITY (ZTV)
- OPERATIONAL PARAMETERS / TRAINING CENTRE AND OUTAGE STORE

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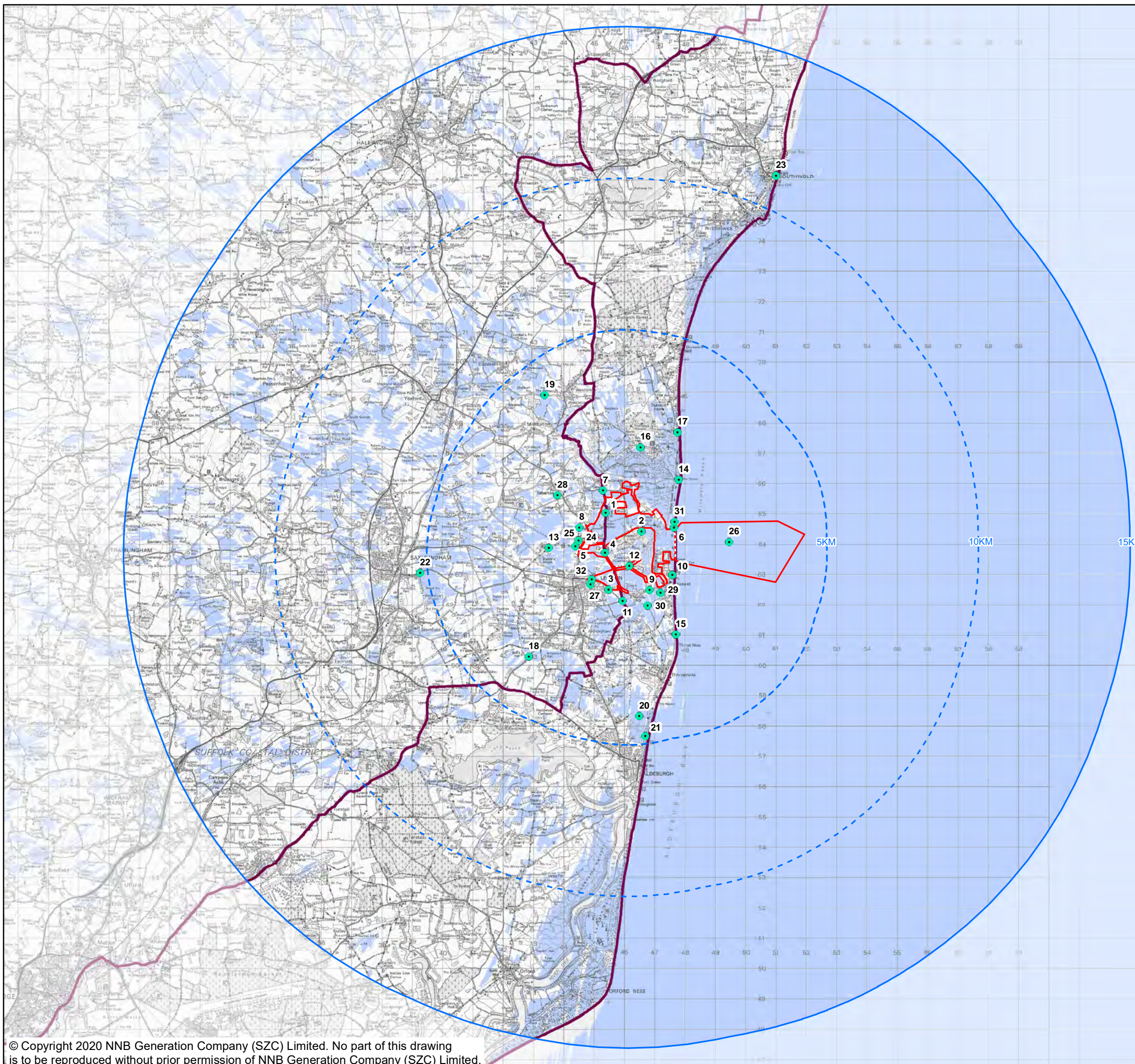
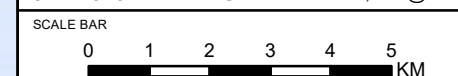


DOCUMENT:
 SIZEWELL C
 ENVIRONMENTAL STATEMENT
 VOLUME 2
 CHAPTER 13
 LANDSCAPE AND VISUAL

DRAWING TITLE:
 ZONE OF THEORETICAL VISIBILITY
 (OPERATION)

DRAWING NO:
 FIGURE 13.6B

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NOTES

KEY

- SIZEWELL C MAIN DEVELOPMENT SITE BOUNDARY
- DEMARCATION LINE
- LVIA STUDY AREA (15KM BUFFER OF MAIN DEVELOPMENT SITE – ONSHORE)
- 5KM AND 10KM BUFFERS OF MAIN DEVELOPMENT SITE – ONSHORE
- RECEPTOR GROUP AREAS**
- VISUAL RECEPTOR GROUPS INCLUDED IN MAIN ASSESSMENT
- VISUAL RECEPTOR GROUPS WITH NO POTENTIAL FOR SIGNIFICANT EFFECTS INCLUDED WITHIN APPENDIX 13E

VISUAL RECEPTOR GROUPS:

- 1: SOUTHWOLD PROMENADE AND PIER
- 2: SOUTHWOLD COMMON AND HARBOUR
- 3: WALBERSWICK AND DINGLE MARSHES
- 4: MIDDLETON, WESTLETON AND DARSHAM
- 5: WESTLETON WALKS AND DUNWICH HEATH
- 6: SOUTH OF WESTLETON
- 7: RSPB MINSMERE
- 8: DUNWICH TO MINSMERE COAST
- 9: THEBERTON AND KNODISHALL GREEN
- 10: EASTBRIDGE AND LEISTON ABBEY
- 11: MINSMERE SOUTH
- 12: MINSMERE TO SIZEWELL COAST
- 13: NORTHEAST SITE
- 14: NORTHWEST SITE
- 15: SIZEWELL BELTS
- 16: NORTH OF LEISTON
- 17: LEISTON
- 18: KNODISHALL AND ALDRINGHAM
- 19: ALDRINGHAM COMMON AND THE WALKS
- 20: SIZEWELL TO THORPENESS COAST
- 21: NORTH WARREN/SOUTH WARREN
- 22: THORPENESS TO ALDEBURGH COAST
- 23: ALDEBURGH
- 24: OFFSHORE

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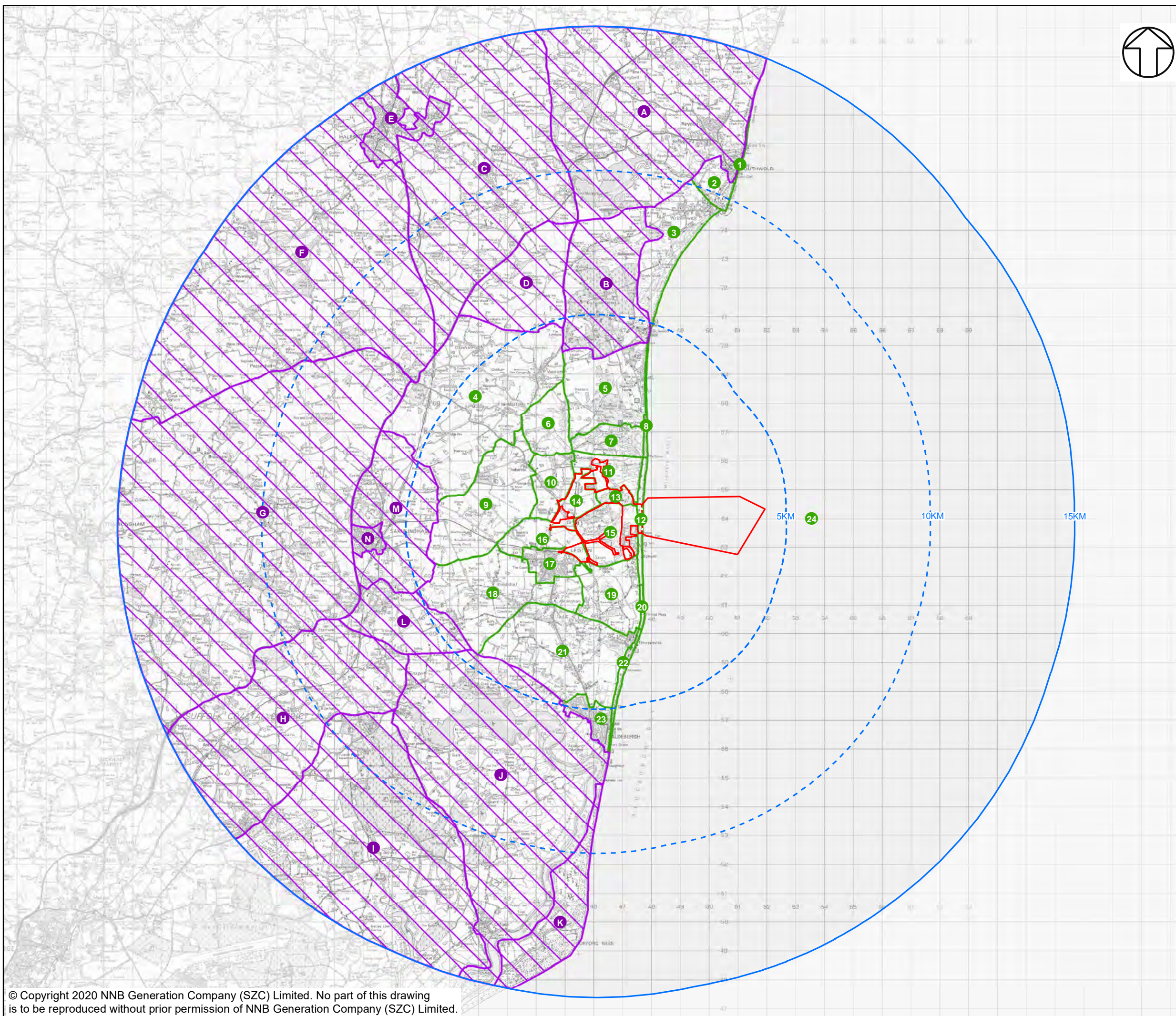
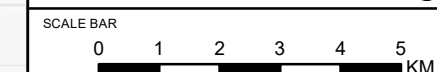


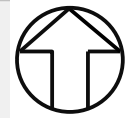
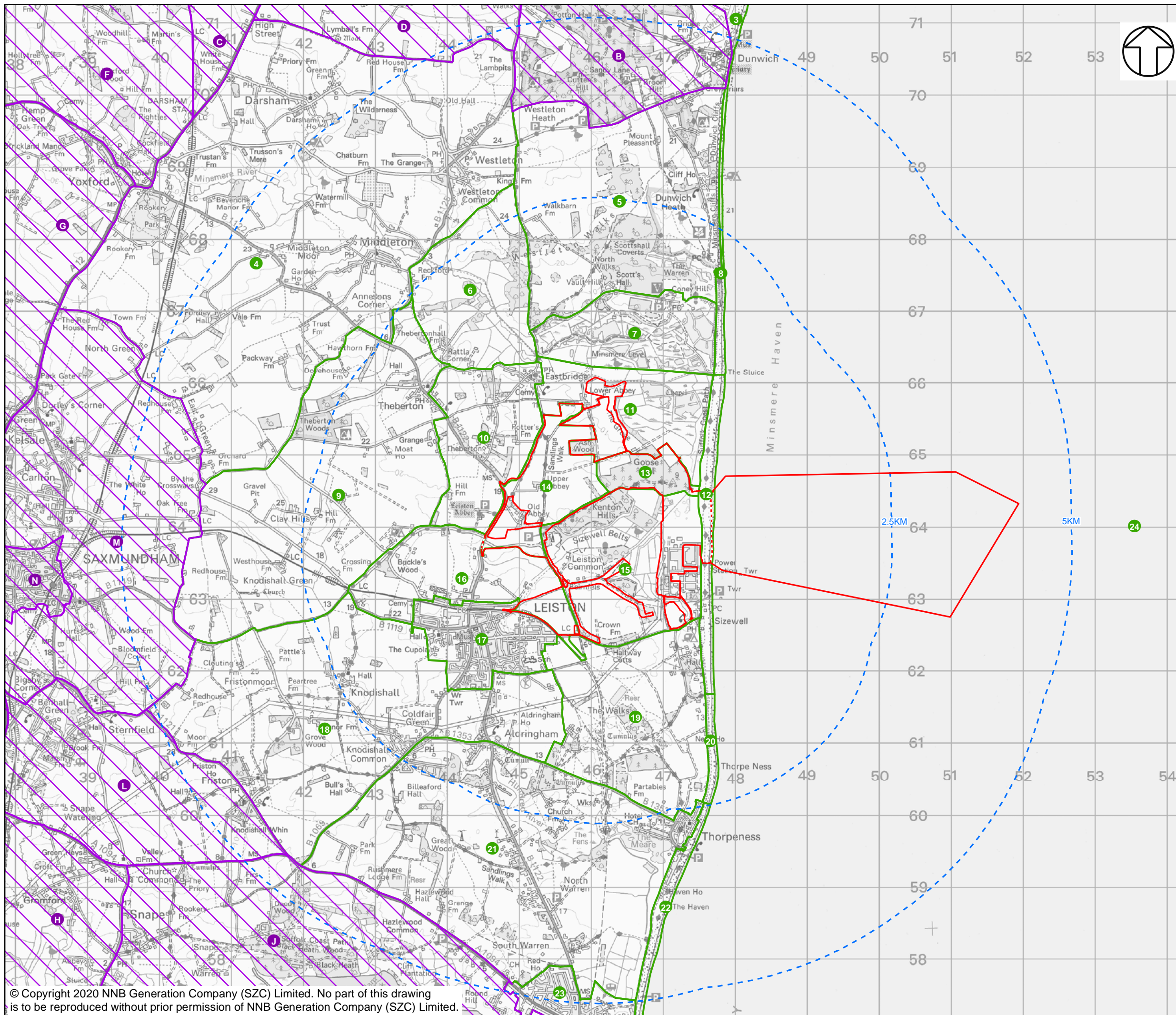
DOCUMENT:
 SIZEWELL C
 ENVIRONMENTAL STATEMENT
 VOLUME 2
 CHAPTER 13
 LANDSCAPE AND VISUAL

DRAWING TITLE:
 VISUAL RECEPTOR GROUPS WITHIN
 STUDY AREA

DRAWING NO:
 FIGURE 13.7

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NOTES

KEY

- SIZEWELL C MAIN DEVELOPMENT SITE BOUNDARY
- DEMARCATION LINE
- 2.5KM AND 5KM BUFFERS OF MAIN DEVELOPMENT SITE - ONSHORE

RECEPTOR GROUP AREAS

- VISUAL RECEPTOR GROUPS INCLUDED IN MAIN ASSESSMENT
- VISUAL RECEPTOR GROUPS WITH NO POTENTIAL FOR SIGNIFICANT EFFECTS INCLUDED WITHIN APPENDIX 13E

VISUAL RECEPTOR GROUPS:

- 3: WALBERSWICK AND DINGLE MARSHES
- 4: MIDDLETON, WESTLETON AND DARSHAM
- 5: WESTLETON WALKS AND DUNWICH HEATH
- 6: SOUTH OF WESTLETON
- 7: RSPB MINSMERE
- 8: DUNWICH TO MINSMERE COAST
- 9: THEBERTON AND KNODISHALL GREEN
- 10: EASTBRIDGE AND LEISTON ABBEY
- 11: MINSMERE SOUTH
- 12: MINSMERE TO SIZEWELL COAST
- 13: NORTHEAST SITE
- 14: NORTHWEST SITE
- 15: SIZEWELL BELTS
- 16: NORTH OF LEISTON
- 17: LEISTON
- 18: KNODISHALL AND ALDRINGHAM
- 19: ALDRINGHAM COMMON AND THE WALKS
- 20: SIZEWELL TO THORPENESS COAST
- 21: NORTH WARREN/SOUTH WARREN
- 22: THORPENESS TO ALDEBURGH COAST
- 23: ALDEBURGH
- 24: OFFSHORE

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 CHAPTER 13
 LANDSCAPE AND VISUAL

DRAWING TITLE:
 VISUAL RECEPTOR GROUPS DETAIL

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 FIGURE 13.8

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